



NITFS Compliance Registration



DigitalGlobe QuickBird 02 Collection and Production System, version 3.1.5

Date: 21 July 2005

DigitalGlobe, Longmont, CO.

Expiration: 20 July 2007

DigitalGlobe, Longmont, CO.

Registration #: 1014-1

- ☐ Initial Registration
☒ Supplemental/Update #14
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

Product
N-0105/98, §4.1.2

Component
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- DigitalGlobe QuickBird 02 Collection and Production System, version 3.1.5
- McDonald Detwiler NITF module on Silicon Graphics

Format

- NITF**
☒ V2.1
☒ V2.0
☐ V1.1
NSIF
☐ V1.0

Image Segment Types

- ☒ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NODISPLAY
☐ POLAR

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ Commercial
STDIDC
USEOOA
RPCOOB
STREOB
ICHIPB
PIAIMC

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Image Compression

- ☒ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Annotation Segment Types

- ☐ Bit Mapped **
☐ CCM, 2301
☐ CCM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☐ QT1
☐ Q8S
☐ MTF

** NITF 2.0 feature
* NITF 2.1 feature

Legend
Interpret
Generate
☒ Fully implemented
☐ Partially implemented
☐ Not implemented

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.